

17

Attorney's Docket No.: 42P18076

Patent

In re the Application of: LIU ET AL.

(inventor(s))

Application No.: 10/731,559

Filed: December 9, 2003

For: METHOD AND APPARATUS FOR ISOLATING AN ACTIVE REGION IN AN OPTICAL WAVEGUIDE

(title)

Mail Stop Amendment  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

SIR: Transmitted herewith is a Response for the above application.

       Applicant claims small entity status. See 37 CFR 1.27.

XX No additional fee is required.

The fee has been calculated as shown below:

|                          | (Col. 1)   |       | (Col. 2)                              | (Col. 3)         |
|--------------------------|--|-------|---------------------------------------|------------------|
|                          | Claims<br>Remaining<br>After Amd.                            |       | Highest No.<br>Previously<br>Paid For | Present<br>Extra |
| Total<br>Claims          | * 30   | Minus | ** 30                                 | 0                |
| Indep.<br>Claims         | * 3  | Minus | *** 3                                 | 0                |
| <input type="checkbox"/> | <b>First Presentation of Multiple<br/>Dependent Claim(s)</b> |       |                                       |                  |

\* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest No. Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

SMALL ENTITY

| Rate              | Additional<br>Fee |
|-------------------|-------------------|
| X25               | \$                |
| X100              | \$                |
| +180              | \$                |
| Total<br>Add. Fee | \$                |

OTHER THAN A  
SMALL ENTITY

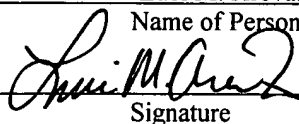
| Rate              | Additional<br>Fee |
|-------------------|-------------------|
| X50               | \$ 0              |
| X200              | \$ 0              |
| +360              | \$                |
| Total<br>Add. Fee | \$ 0              |

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on August 9, 2005  
Date of Deposit

Luci M. Arevalo

Name of Person Mailing Correspondence

  
Signature

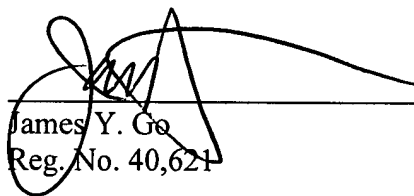
August 9, 2005  
Date

- \_\_\_\_\_ A check in the amount of \$ \_\_\_\_\_ is attached for presentation of additional claim(s).
- \_\_\_\_\_ Applicant(s) hereby Petition(s) for an Extension of Time of \_\_\_\_\_ month(s) pursuant to 37 C.F.R. § 1.136(a).
- \_\_\_\_\_ A check for \$ \_\_\_\_\_ is attached for processing fees under 37 C.F.R. § 1.17.
- \_\_\_\_\_ Please charge my Deposit Account No. 02-2666 the amount of \$ \_\_\_\_\_.
- A duplicate copy of this sheet is enclosed.**
- X The Under Secretary of Commerce for Intellectual Property and Director of the United States Patent and Trademark Office is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 02-2666 (**a duplicate copy of this sheet is enclosed**):
- X Any additional filing fees required under 37 C.F.R. § 1.16 for presentation of extra claims.
- X Any extension or petition fees under 37 C.F.R. § 1.17.

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

Date: 8-9-05

12400 Wilshire Boulevard  
Seventh Floor  
Los Angeles, California 90025  
(206) 292-8600

  
James Y. Go  
Reg. No. 40,621

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|                               |                         |                                     |                        |
|-------------------------------|-------------------------|-------------------------------------|------------------------|
| August 9, 2005<br>Date Mailed | Luci M. Arevalo<br>Name | <i>Luci M. Arevalo</i><br>Signature | August 9, 2005<br>Date |
|-------------------------------|-------------------------|-------------------------------------|------------------------|

*Attorney Docket No.: 42P18076**Patent***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

LIU ET AL.

Application No.: 10/731,559

Filed: December 9, 2003

For: METHOD AND APPARATUS FOR  
ISOLATING AN ACTIVE REGION IN  
AN OPTICAL WAVEGUIDE

Examiner: Lin, Tina M.

Art Unit: 2874

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO OFFICE ACTION**

Dear Sir:

In response to the Office Action mailed May 11, 2005, Applicants respectfully request the Examiner to enter the following amendments and consider the following remarks.

**Listing of Claims** begins on page 2 of this paper.

**Remarks/Arguments** begin on page 9 of this paper.